

Model 29581 Call Waiting Caller ID Speakerphone with 13 Number Memory User's Guide



Interference Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

Privacy of Communications may not be ensured when using this product.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna (that is, the antenna for radio or television that is "receiving" the interference).
- Reorient or relocate and increase the separation between the telecommunications equipment and receiving antenna.
- Connect the telecommunications equipment into an outlet on a circuit different from that which the receiving antenna is connected.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio/TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402. Please specify stock number 004-000-00345-4 when ordering copies.

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Hearing Aid Compatibility (HAC)

This telephone system meets FCC standards for Hearing Aid Compatibility.

Licensing

Licensed under US Patent 6,427,009.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.



Introduction

CAUTION: When using telephone equipment, there are basic safety instructions that should always be followed. Refer to the IMPORTANT SAFETY INSTRUCTIONS provided with this product and save them for future reference.

Short Glossary of Terminology Used in this Manual

Hook switch. The part of the phone that pops up to activate the phone line when the handset is lifted from the base.

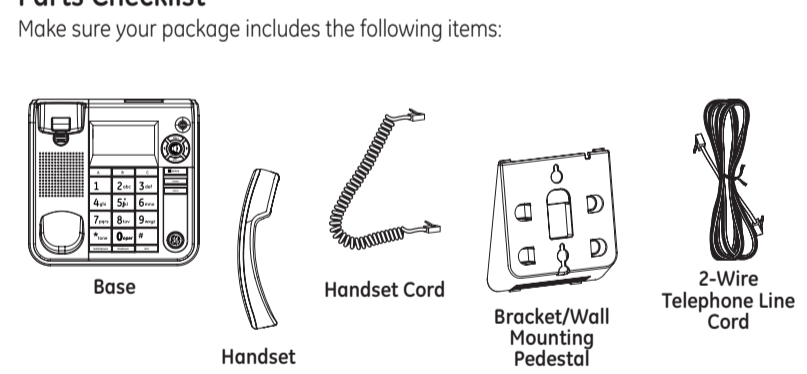
Off-hook. A term used to describe the phone in its active mode when the handset is off of the base cradle or when the **speaker** button is pressed.

On-hook. A term used to describe the phone in an inactive mode.

Before You Begin

Parts Checklist

Make sure your package includes the following items:



Telephone Jack Requirements

To use this phone, you need an RJ11C type modular telephone jack, which might look like the one pictured here, installed in your home. If you don't have a modular jack, call your local phone company to find out how to get one installed.

US Number is located on the cabinet bottom.

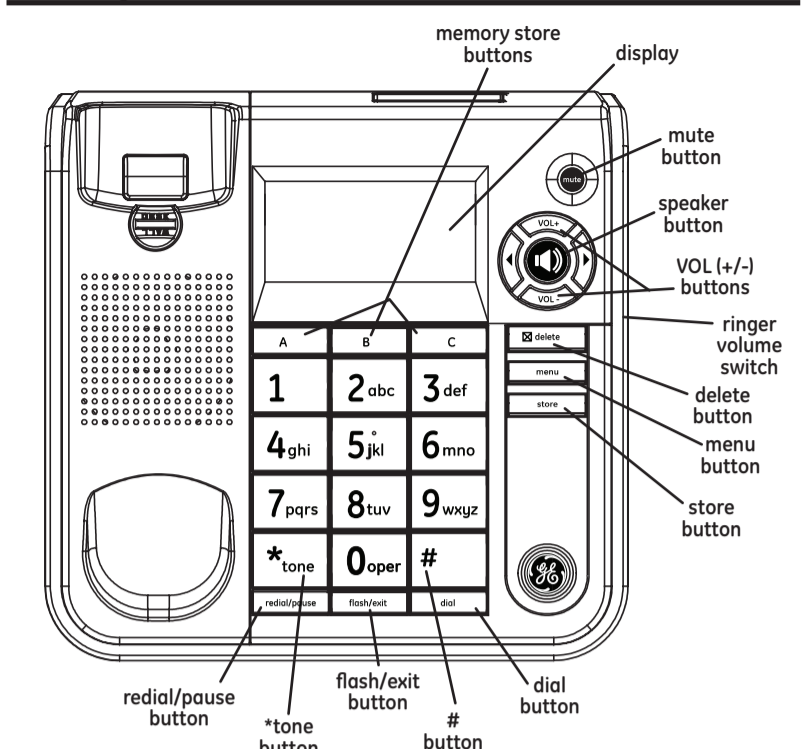
REN Number is located on the cabinet bottom.

Important Installation Information

CAUTION: Disconnect the phone cord from the wall outlet before installing or replacing the batteries.

- Never install telephone wiring during a lightning storm.
- Never touch uninsulated telephone wires or terminals, unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Temporarily disconnect any equipment connected to the phone, such as faxes, other phones, or modems.

Base Layout



Installing and Replacing the Batteries

Your Caller ID phone uses 4 AA-size alkaline batteries for receiving and storing Caller ID records and for storing the numbers you use for memory dialing, pulse dialing, and redial.

IMPORTANT: You will have approximately 90 seconds to replace the batteries before the memories stored are lost. Please read the instructions before replacing the batteries and have the batteries ready to be inserted beforehand.

IMPORTANT: If you are not going to use the telephone for more than 30 days, remove the batteries because they may leak and damage the unit.

1. If the telephone line cord is connected, disconnect it from the base unit.
2. Release latch on battery compartments and remove cover.
3. Insert 4 AA-size alkaline batteries as shown on the diagram in the battery compartments.
4. Snap the battery compartment doors back into place and replace the mounting bracket.
5. If the line cord was previously connected, re-attach it to the unit and check your memory locations.

NOTE: If the low battery icon appears in the display, you need to replace the batteries. It is important that you replace the batteries as soon as possible in order to maintain Caller ID operation.

Installing the Phone

Your phone should be placed on a level surface, such as a desk or table top, or you can mount it on a wall. A wall mounting pedestal is packaged with your phone.

Connecting the Handset

1. Connect one end of the coiled handset cord to the jack on the handset.
2. Plug the other end of the coiled handset cord to the jack on the base.
3. Place the handset in the cradle.

Connecting the Telephone Line

1. Connect one end of the straight telephone line cord to the jack on the back of the base.
2. Connect the other end to a wall phone jack.
3. Set the ringer volume switch located at the back of the base to the desired loudness.

OFF - Telephone will not ring.
LO - Sound will be lowest.
HI - Sound will be loudest.

NOTE: The unit is properly installed if you pick up the handset and hear the dial tone. Otherwise, recheck all installation steps.

Wall Mounting

Your speakerphone can also be mounted on a wall plate (not included).

NOTE: To prevent the handset from falling out of the cradle while the phone is hanging on the wall, you must rotate the handset hook 180° (located on the base). (See diagram below)

Attaching the Wall Mounting Pedestal

- Rotate the hook 180°. (Refer to Dia. 1A)
- Turn the phone over so that the bottom of the base is facing up and the thickest end is pointing away from you.
- If desired guard the extra telephone line cord together and store inside the wall mounting pedestal, and then thread the line cord through the grooves on the pedestal according to the illustration.
- With the rounded end of the pedestal pointing upward, insert the tab on the end of the pedestal into the middle slot on the bottom of the base, then push the pedestal down until the two tabs on the left and right corners of the pedestal snap/lock into the two lower slots on the bottom of the base.
- Slip the mounting holes over the wall plate posts and firmly slide the unit down into place (wall plate not included).

Telephone Basics

You can use the telephone by speaking into and listening through the handset, or by using the speakerphone.

Receiving a Phone Call

1. Lift the handset or press **speaker** to answer the call.
2. Replace the handset in the cradle or press the **speaker** button to hang up.

Making a Phone Call

1. Lift the handset or press the **speaker** button. Wait for a dial tone.
2. Dial the telephone number you want to call.
3. Replace the handset in the cradle, or press the **speaker** button to hang up.

Volume

You may adjust the handset and speakerphone volume independently with the VOL button or the (+ or -) buttons. Both handset receiver volume level and speakerphone volume level are saved in memory.

Adjusting the Handset Receiver Volume

While using the handset, you can adjust the speaker volume by pressing the VOL button continuously or pressing the (+ or -) buttons after pressing the VOL button. **REC (Handset Receiver) volume** shows in the display.

Adjusting the Speakerphone Volume

While using the speakerphone, you can adjust the speaker volume by pressing the VOL button continuously or pressing the (+ or -) buttons after pressing the VOL button. **SPK volume level** shows in the display.

NOTE: Both handset receiver and speakerphone volume return to the default setting (low) if the unit is power up reset.

Redial

You may redial the last number you called by pressing the **redial** button after you hear a dial tone.

NOTE: The redial feature holds the last number (up to 32 digits) that you dialed in memory. If you pressed any other numbers after dialing the phone number (for example, when accessing a voice-menu system) then those numbers are also dialed.

Mute

Use the **mute** button to interrupt a phone conversation to talk privately with someone else in the room. A conversation can be muted while using the speakerphone or handset.

1. Press the **mute** button. The mute indicator illuminates.
2. Press **mute** again to turn it off.

NOTE: Switching from speakerphone to handset cancels mute.

Flash

Press **flash/exit** to activate special features of your telephone network, such as call transfer, or special services from your local telephone company, such as call waiting.

Temporary Tone Dialing

If you have pulse (rotary) service and want to access customer calling services (such as telebanking and long distance services) that require tone dialing, you can use this feature to temporarily change from pulse to tone service.

After dialing the telephone number and connecting to the customer calling service,

1. Press and release the ***tone** button.
2. When you hang up, the telephone automatically returns to pulse dialing mode.

Speakerphone Basics

Location

Your phone features a speakerphone for ease of use and convenience during a phone conversation. At any time during a conversation, you can lift the handset to stop using the speakerphone. Likewise, when you are using the handset, press the **speaker** button and place the handset in the cradle to switch to the speakerphone.

For best speakerphone performance, avoid the following:

- Areas with high background noise. (The microphone might pick up these sounds and prevent the speakerphone from going into the receiving mode when you finish talking.)
- Surfaces affected by vibration.
- Recessed areas such as in a corner, under a cupboard, or next to a cabinet, which can generate an echo effect.

Speakerphone Use

Note the following guidelines when using the speakerphone:

- The speakerphone works similar to a two-way radio in that you can only listen or talk at one time.
- Stay reasonably close to the phone so that you can be clearly heard by the person to whom you are talking.
- You can adjust the speaker volume by pressing the VOL button continuously or pressing the **review** button < or > after pressing the VOL button.
- The speakerphone indicator light comes on when the speakerphone is in use.

NOTE: Batteries must be installed for the speakerphone to operate.

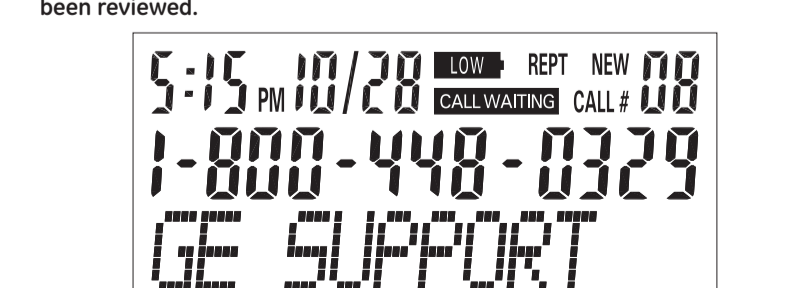
Caller ID (CID) Features

IMPORTANT: In order to use all of the features of this telephone, you must subscribe to two separate services available from your local telephone company: the standard Name/Number Caller ID Service to know who is calling when the phone rings and Caller ID with Call Waiting Service to know who is calling while you are on the phone.

CID Summary Screen

The Summary Screen shows the current time, date, and number of new calls to review. It is displayed until any button is pressed.

NOTE: The number of new calls is displayed until all new calls have been reviewed.



Receiving and Storing CID Calls

This unit receives and displays information transmitted by your local company. This information can include the phone number, date, and time, or the name, phone number, date, and time. The unit can store up to 75 calls for later review. When the memory is full, a new call automatically replaces the oldest call in memory. **NEW** appears in the display for calls received that have not been reviewed. **REPT** appears in the display for calls received more than once which have not been reviewed.

Reviewing CID Records

- Press the < or > buttons to view the call records.
- Press the > button to scroll through the call records from the most recent to the oldest.
- Press the < button to scroll through the call records from the oldest to the newest.

When all of the records have been viewed, **START/END** appears in the display.

Deleting CID Records

- To delete the record shown in the display, press the **delete** button once.
- To delete all records while reviewing, press and hold the **delete** button for about three seconds. **DELETE ALL?** appears in the display. Press **delete** again to complete.

Dialing Back

When reviewing Caller ID records, you can dialback the numbers on the display by pressing the **dial** button.

NOTE: If PICKUP PHONE shows in the display, no other changes to the number can be made. The information set from the telephone company is known to be a valid number for dialing back (used only in very limited areas). Once you pickup the phone, the number is automatically dialed.

If You Programmed Your Local Area Code

1. Use the < or > buttons to display the number you want to dial.
2. Press the **dial** button.
- If you see a number with seven digits (i.e. 555-1234), then the call is from within your area code. However, this does not guarantee the call is a local call.
- If you see a number with 11 digits (i.e. 1-234-555-1234), then the call is not from within your area code.

NOTE: A timer (10 seconds on-hook and 3 seconds off-hook) located in the upper right side of the display will start, letting you know how much time is left until the unit returns to the Summary Screen.

3. If you are at on-hook and **PICKUP OR ADJ** displays, you can adjust the phone number by pressing the **dial** button. If the phone is off-hook and **ADJUST** shows in the display, you can adjust the phone number format by pressing the **dial** button. For example, sometimes a 7-digit local number cannot be dialed because it requires a 10-digit or 11-digit format. Press the **dial** button repeatedly to scroll through the 7, 10, and 11-digit numbers.

7-digits: 7-digit telephone number (i.e. 555-5555)

10-digits: 3-digit area code + 7-digit telephone number (i.e. 425-555-5555)

11-digits: long distance code 1 + 3-digit area code + 7-digit telephone number (i.e. 1-425-555-5555)

4. To dial the displayed number, and the phone is on-hook, pick up the handset or press the **speaker** button before the timer reaches 0. If the phone is off-hook, wait until the timer reaches 0. **NOW DIALING** shows in the display and the number is dialed.

If You Did Not Program Your Local Area Code

1. Use the < or > buttons to display the number you want to dial. You will only see 10-digit numbers (i.e. 234-555-1234).
2. See steps 2 through 4 in the previous section to complete the dialback process.

Setting Up the Caller ID Menu

You should not plug the telephone into the modular jack while setting up the Caller ID menu.

1. Press the **menu** button to enter the menu feature configuration mode.
 - # 1. >ENG FRA ESP (CID language default English)
 - # 2. CONTRAST (default level is 3)
 - # 3. LOCAL AREA CODE
 - # 4. TONE/PULSE (Default is tone dialing).
2. Press the **menu** button to scroll through the 4 menu screens.
3. Use the < or > buttons to select the desired setting.

NOTE: You have 20 seconds following an entry before the phone returns to the Summary Screen.

Display Language

This adjustment allows you to display the Caller ID prompts in *English, French, or Spanish*.

1. Press the **menu** button until **ENG FRA ESP** shows in the display.
2. Use the < or > buttons to select **ENG, FRA or ESP**.
3. Press the **menu** button again to save.

Contrast

This adjustment allows you to adjust the contrast of the display.

1. Press the **menu** button until **CONTRAST** shows in the display.
2. Use the < or > buttons to select level 1, 2, 3, 4, or 5.
3. Press the **menu** button again to save.

Local Area Code

The telephone uses the programmed area codes to determine the number format to display when a valid Caller ID signal is received. Numbers that match the local area code are displayed as seven digits and are used for dialing back previous numbers. Entering your local area code will also help you immediately know if the call is local or long distance when viewing the CID records in the display.

NOTE: If you make a mistake and want to start over again, press the delete button to erase all of the digits.

1. Press the **menu** button until **LOCAL AREA CODE** shows in the display.
2. Use the number keys to enter the Local Area Code you want.
3. Press the **menu** button to save.

Dialing Mode

This adjustment allows you to select tone (touch-tone) or pulse (rotary) dialing.

1. Press the **menu** button until **TONE/PULSE MODE** shows in the display.
2. Press the < or > buttons to press the current dialing mode. The default is **TONE** dialing.
3. To change the dialing mode, press the < or > buttons. The display alternates between the two modes.
4. Press the **menu** button again to save.

NOTE: The phone will exit Set Up after 20 seconds if no buttons are pressed.

REMINDER: The time and date are programmed automatically when the first Caller ID record is successfully received after set up.

Memory

You may store information in any of the following memory locations: 0 to 9, A, B, and C. See "Storing a Pause in Memory" and "Temporary Tone Dialing" for more information.

Storing a Name and Number in Memory

1. Press the **store** button. **LOCATION#?** shows in the display.
2. Press the desired memory location (0-9, A, B, C).

NOTE: You may select memory locations by pressing < or > to scroll through the memory locations or press the 0 - 9, A, B, C.

3. Press the **store** button again to confirm the memory location.

NOTE: If necessary, to erase existing memories, or if you make a mistake, use the delete button.

4. Use the number keys to enter the telephone number (up to 32 digits) and press the **store** button to save. (The unit will not dial a phone number in this mode.) The cursor automatically moves to the text line for name entry.

5. Use the number keys to enter the name of the person associated with the telephone number you just entered. More than one letter is stored in each of the number keys. For example, to enter the name BILL SMITH, press the 2 key twice for the letter B. Press the 4 key 3 times for the letter I. Press the 5 key 3 times for the letter L.

NOTE: The flashing cursor automatically moves to the next position or you may press the < or > buttons to move the cursor to the next position.

6. Press the 5 key 3 times for the second letter L. Press the arrow key (4) two times to insert a space, and press the 7 key 4 times for the letter S. Press the 6 key once for the letter M. Press the 4 key 3 times for the letter I. Press the 8 key for the letter T. Press the 4 key twice for the letter H.

7. To enter another name and number in a different memory location, return to step 1 and repeat the process.

Changing a Stored Number

Repeat the storage sequence under "Storing A Name and Number in Memory," and use the **delete** button to delete the old number before entering the new number.

Erasing a Stored Number

1. Press the **store** button.
2. Press the memory location (0-9, A, B, C) to be erased.
3. Press the **delete** button.

Copying Caller ID Memories to User Memory

1. Press the < or > buttons to view the caller number and name you want to copy.
2. Press the **store** button.
3. Press the memory location (0-9, A, B, C). The number flashes if there is a number already stored in the memory location.

4. Press the **store** button to enter the edit mode, and then press the **store** button again to edit the name.

NOTE: You may select a different memory location by pressing < or > to scroll through the memories or press a number key (0-9, A, B, C).

NOTE: If the name you want to enter is longer than 12 characters, only the first 12 characters will be copied into memory.

Storing a Redial Number to Memory

1. Press the **store** button.
2. Press any key (0-9, or quick call buttons A, B, or C) for the memory location. If there is a number already stored in the memory location it will appear on the display. Use the **review** < or > button to select a different location.
3. Press the **store** button again to confirm.
4. Press the **redial** button, and then press the **store** button again.

Enter name, if necessary, and then press the **store** button to confirm.

NOTE: If you want to edit the number, press the store button again within three seconds. When you are finished, wait three seconds to exit.

Dialing a Number Stored in Memory While On-hook

1. Press the **dial** button.
2. To select a memory, press any number key (0-9, A, B, C). The number in that memory location displays.

NOTE: You may select a different memory location by pressing < or > to scroll through the memories or press a number key (0-9, A, B, C).

Dialing a Number Stored in Memory</

